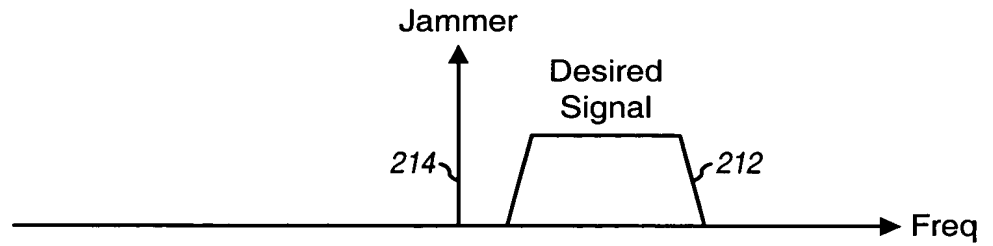
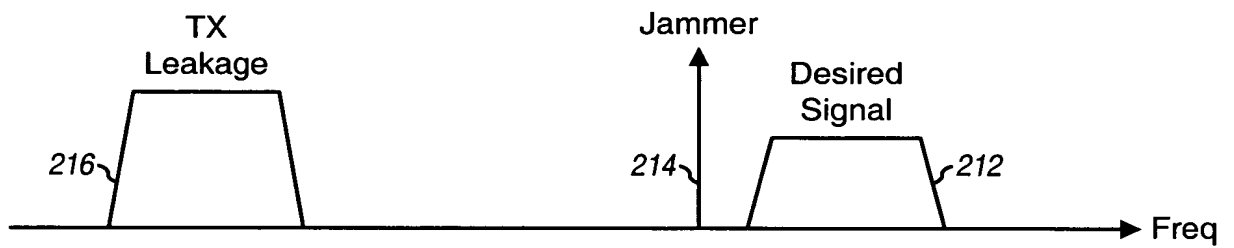
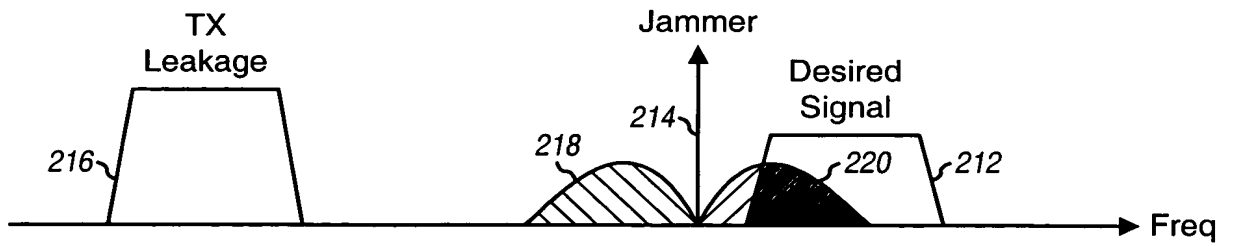


FIG. 1

**FIG. 2A****FIG. 2B****FIG. 2C**

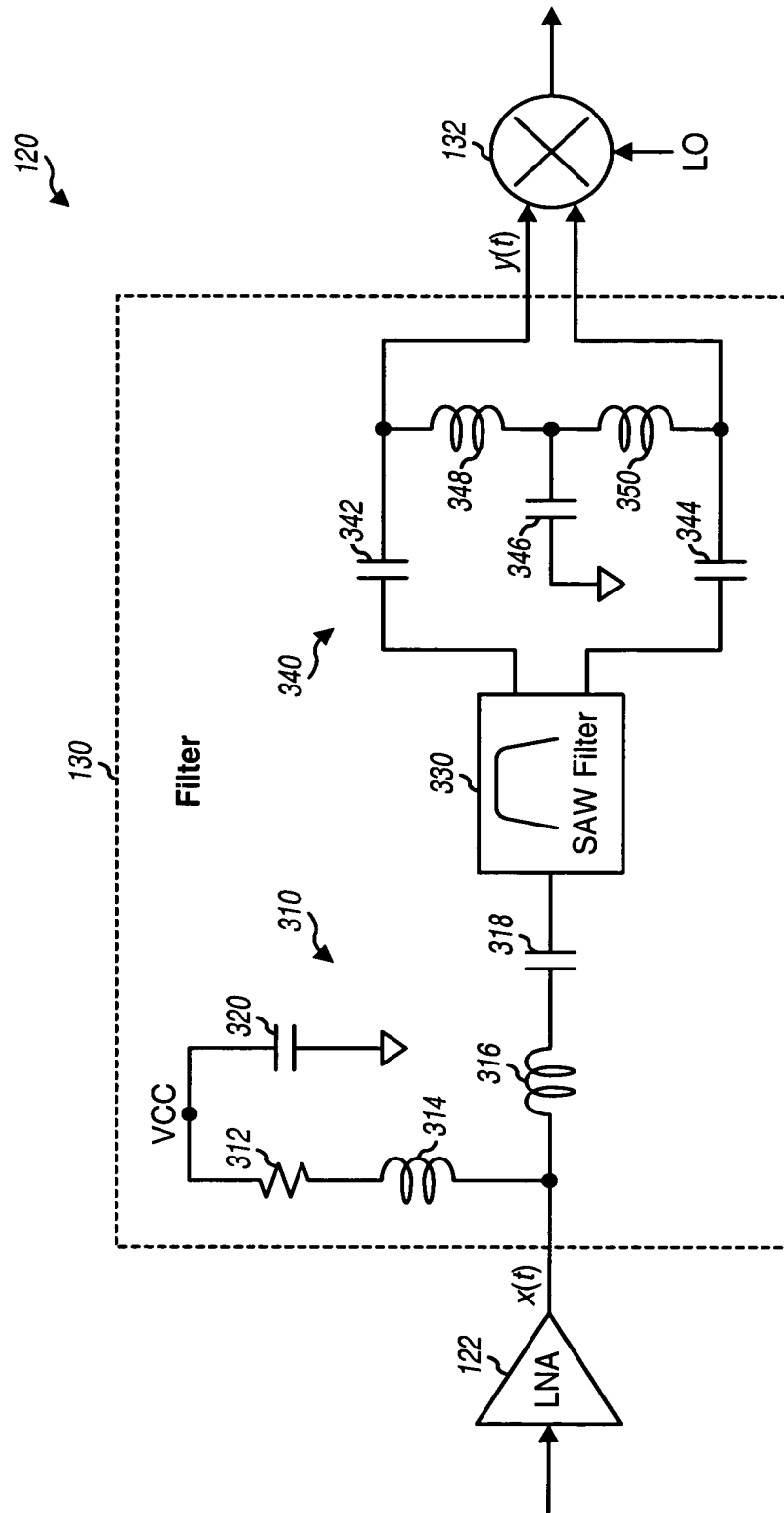


FIG. 3

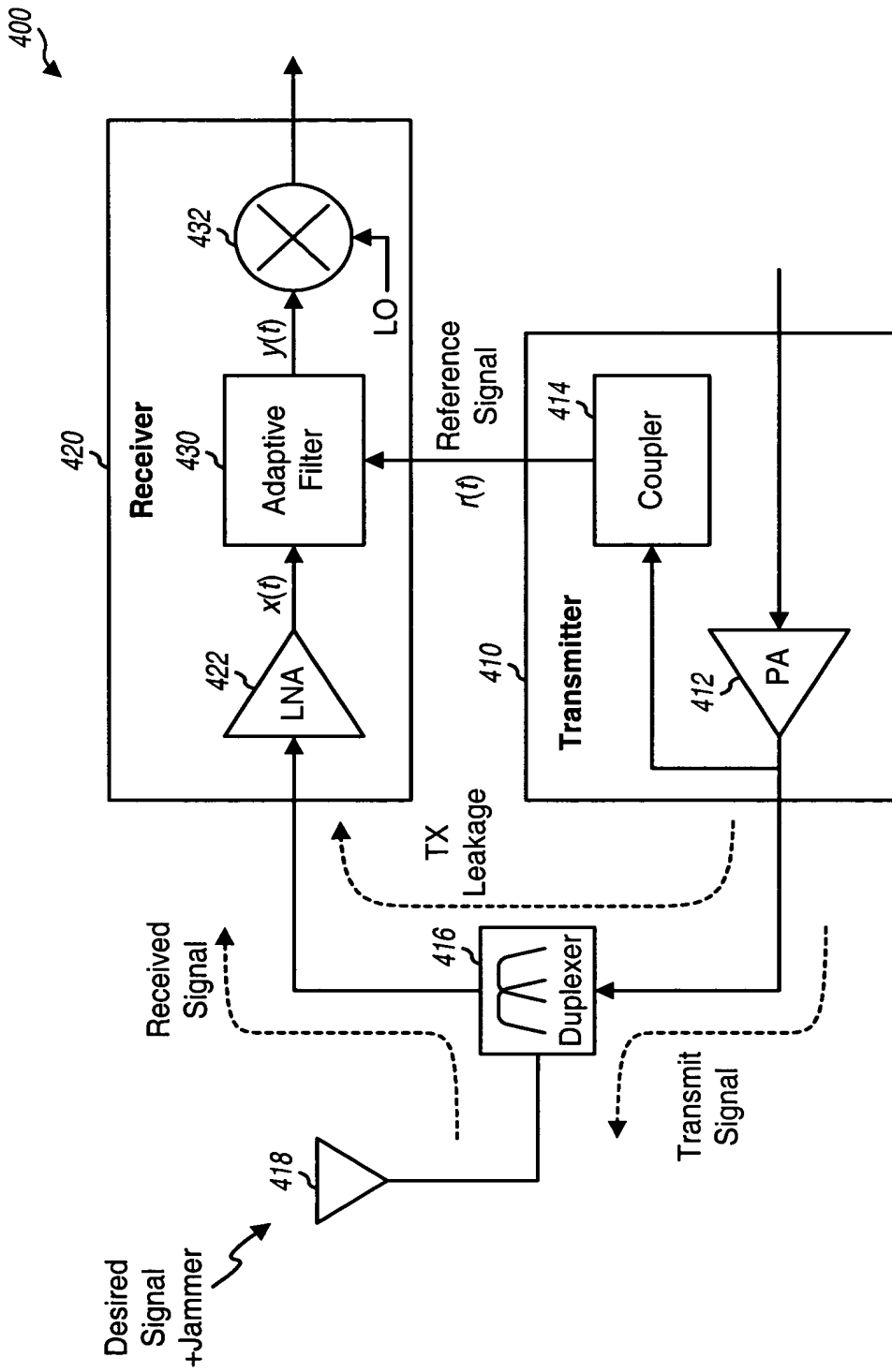


FIG. 4

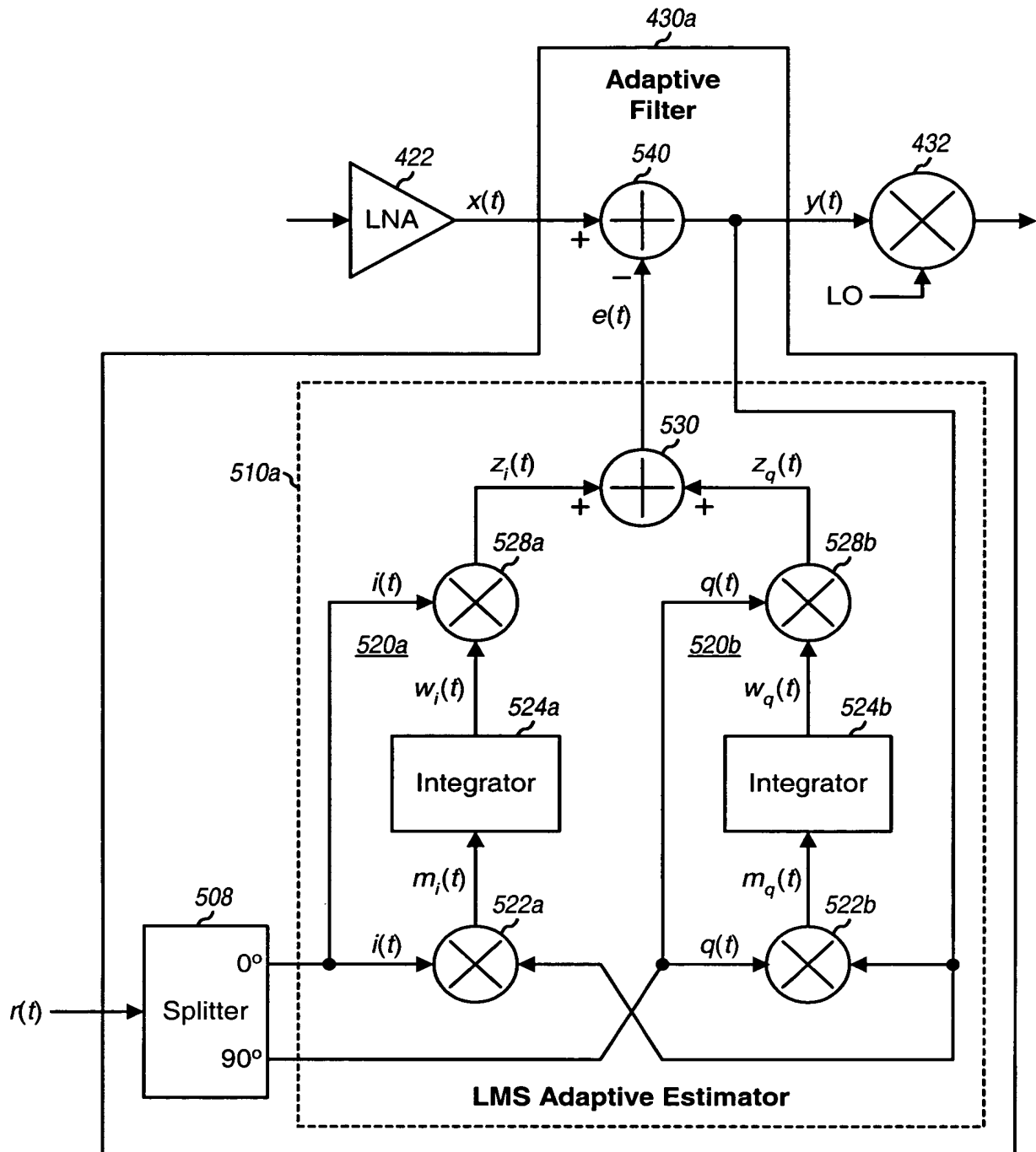


FIG. 5

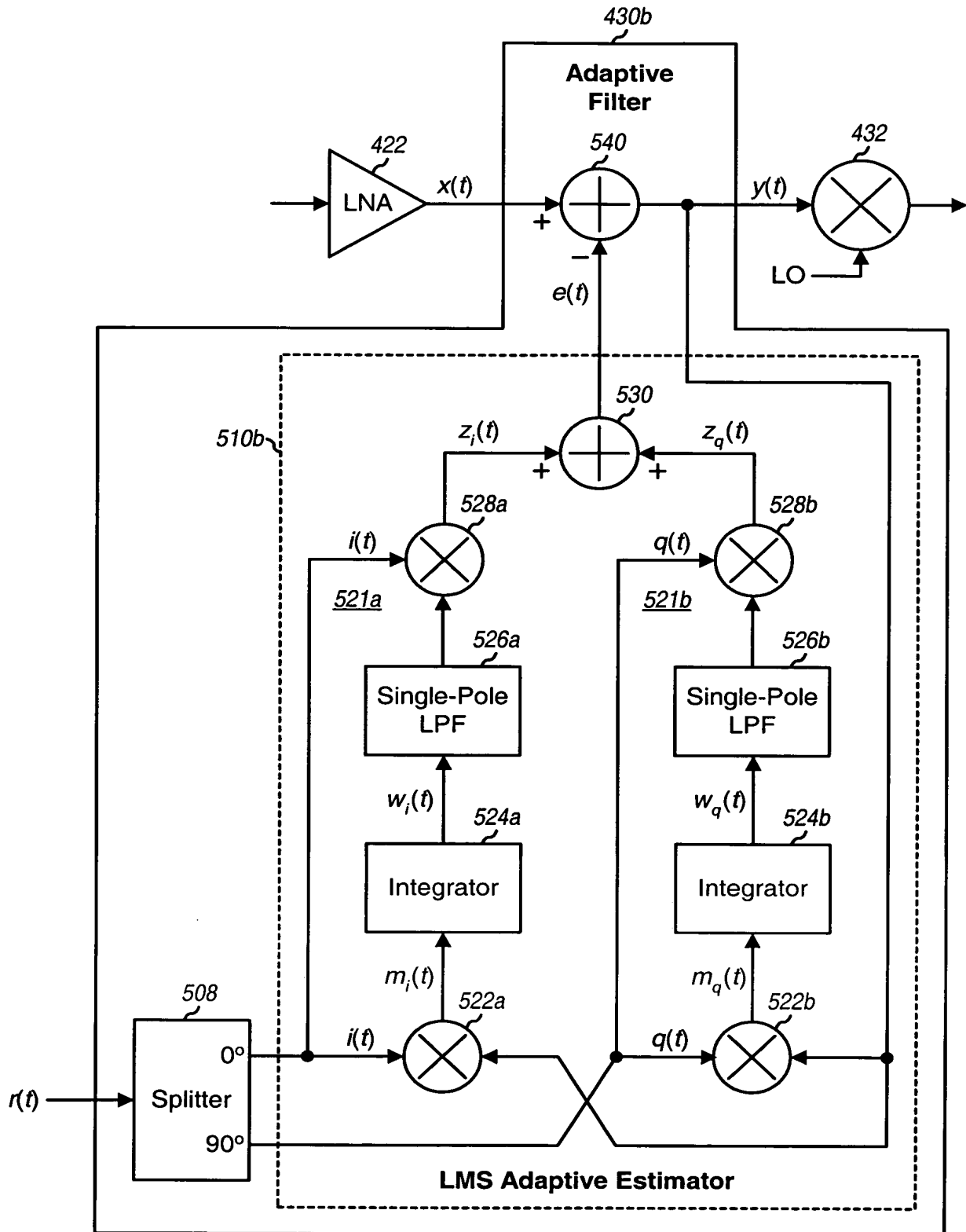


FIG. 6

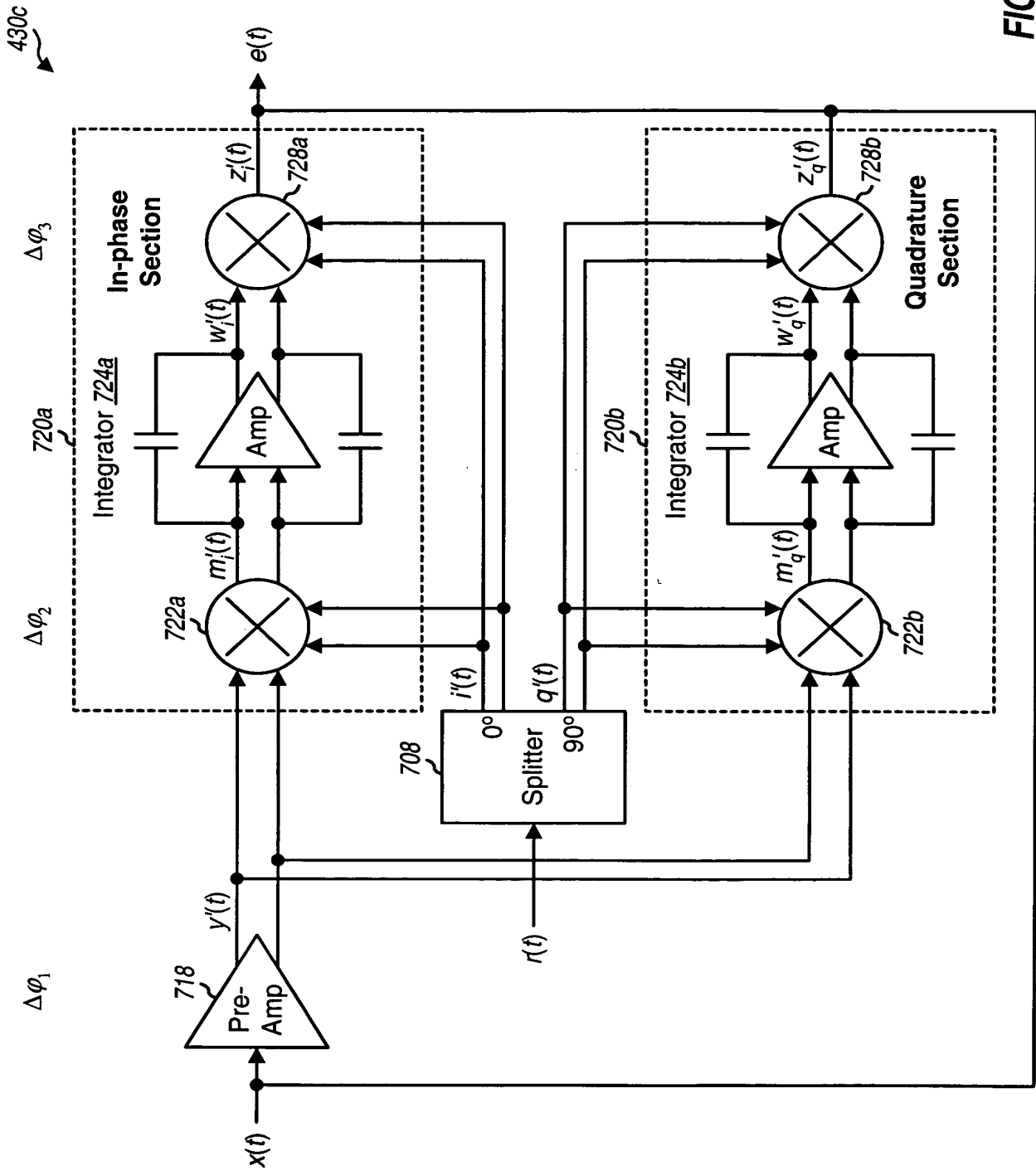


FIG. 7

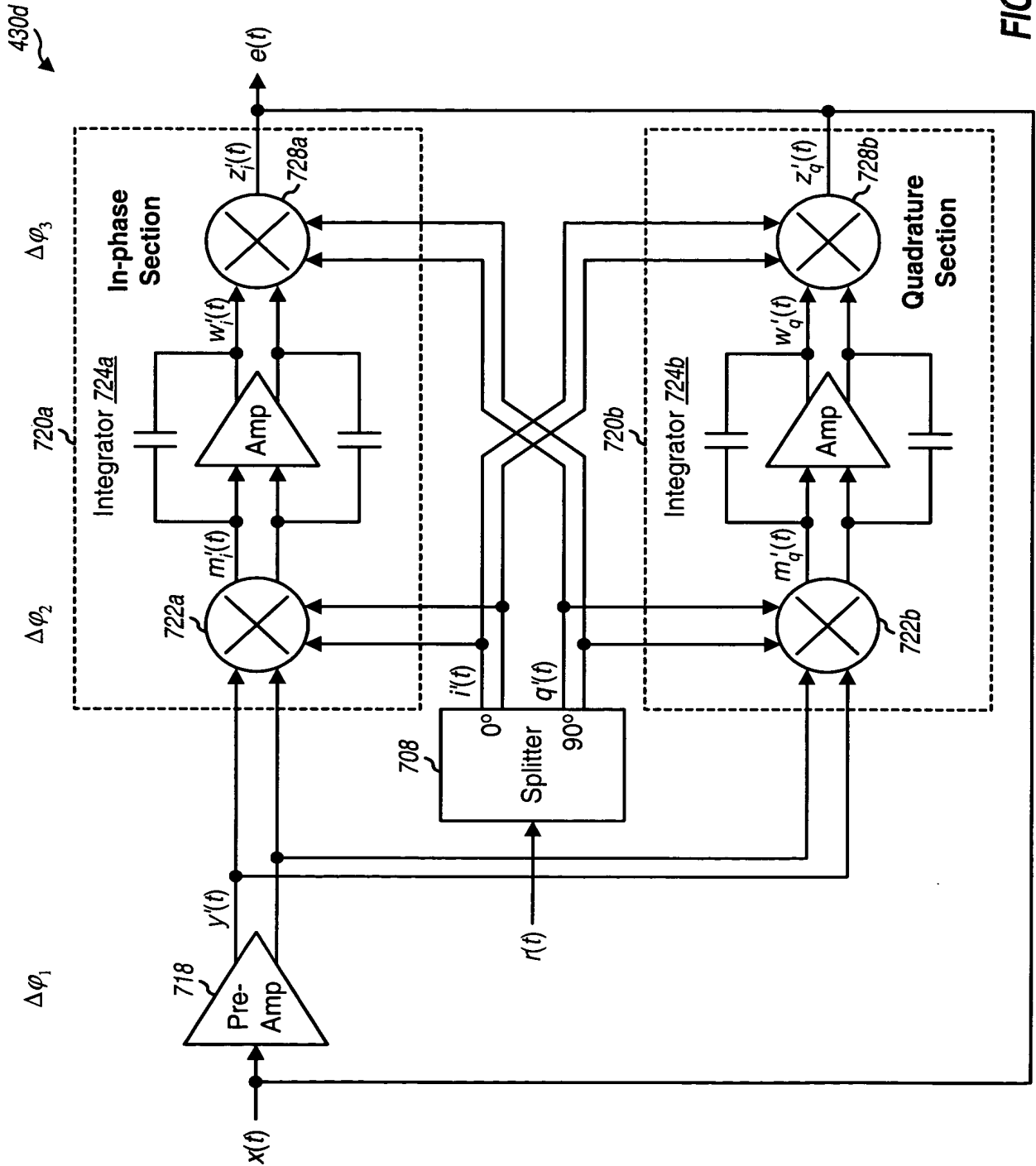
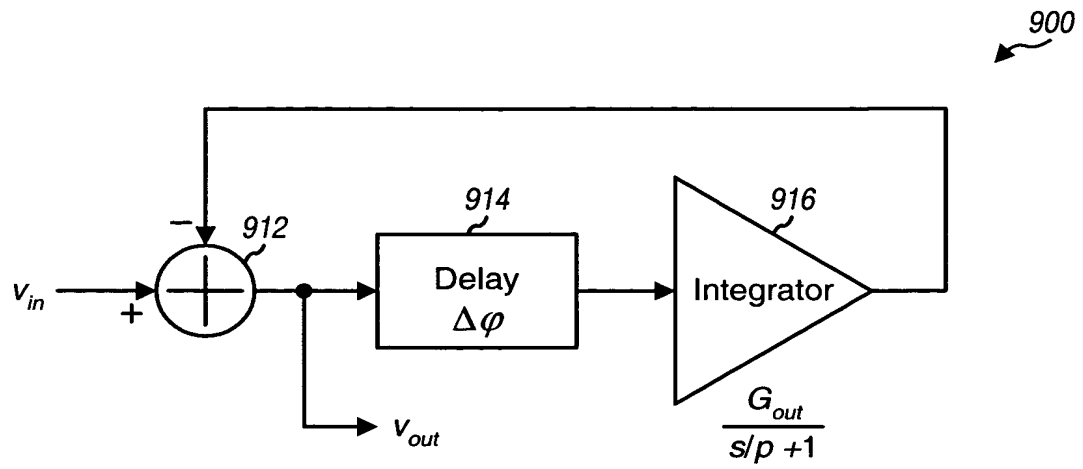
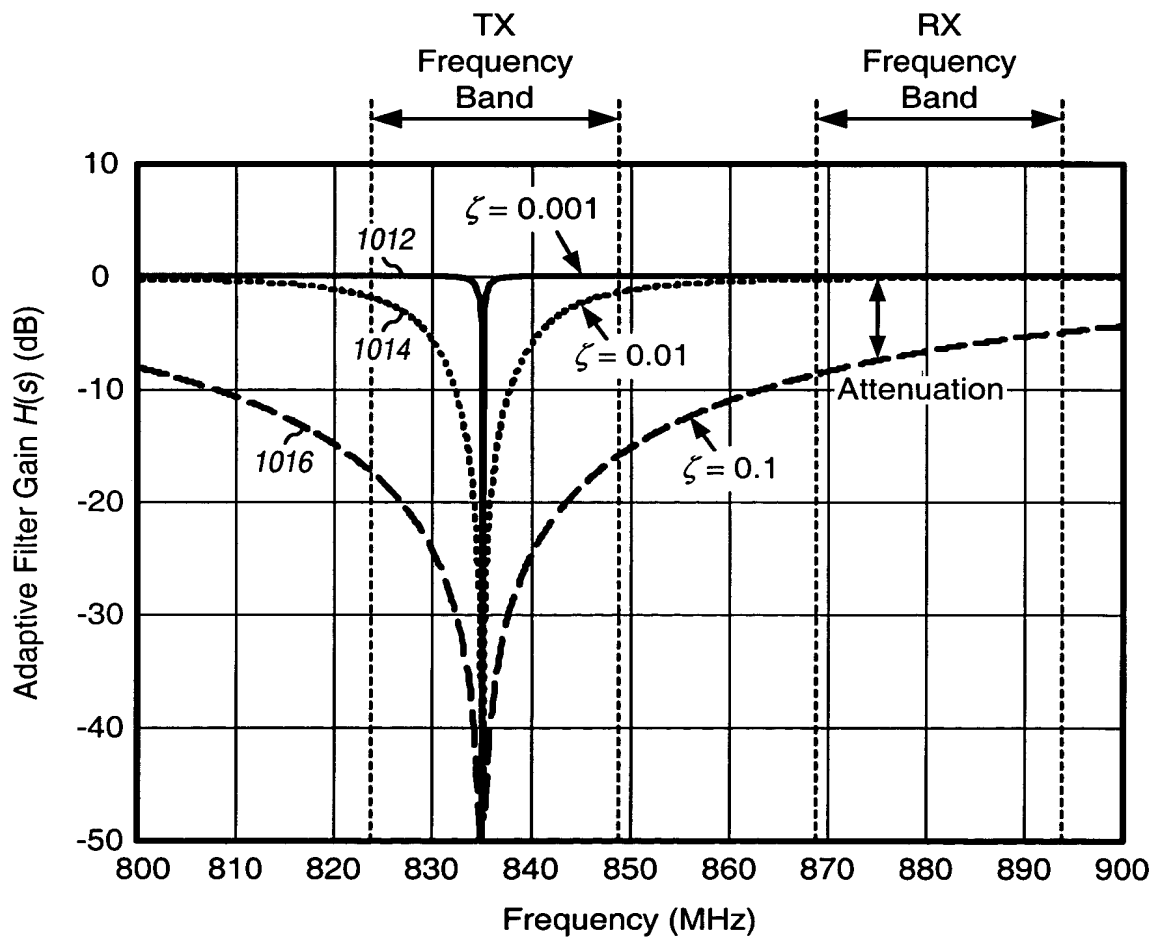


FIG. 8



**FIG. 9****FIG. 10**

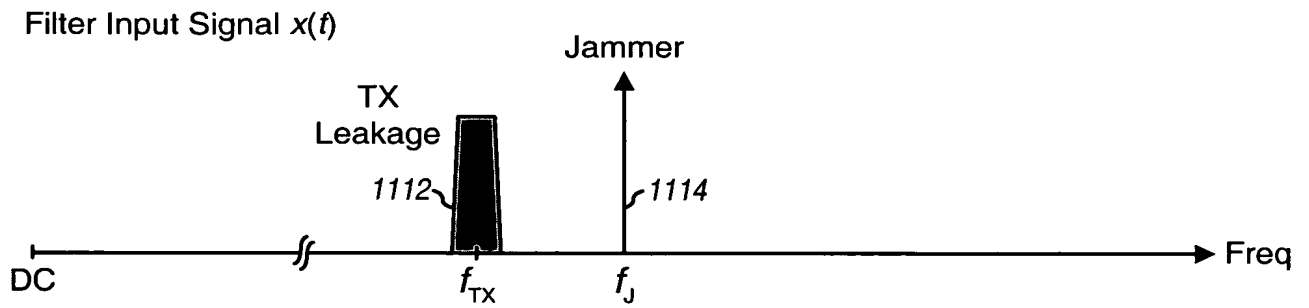


FIG. 11A

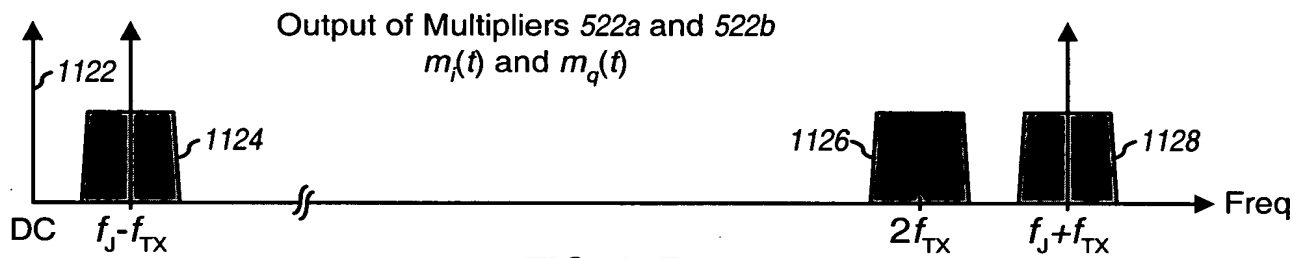


FIG. 11B

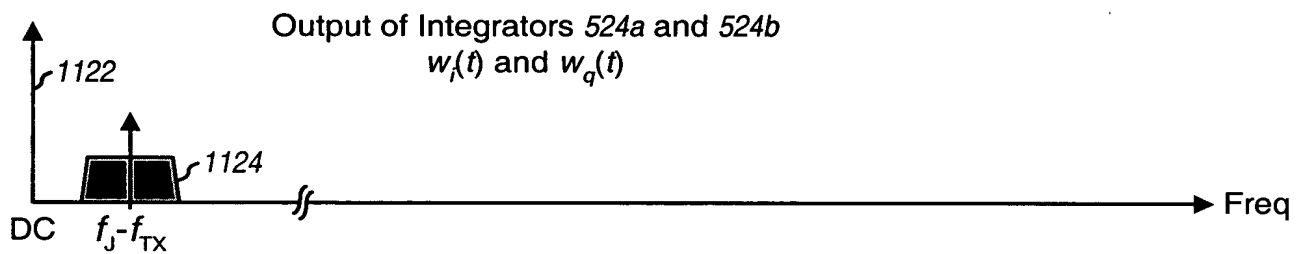


FIG. 11C

Output of Multipliers 528a and 528b  
 $z_i(t)$  and  $z_q(t)$

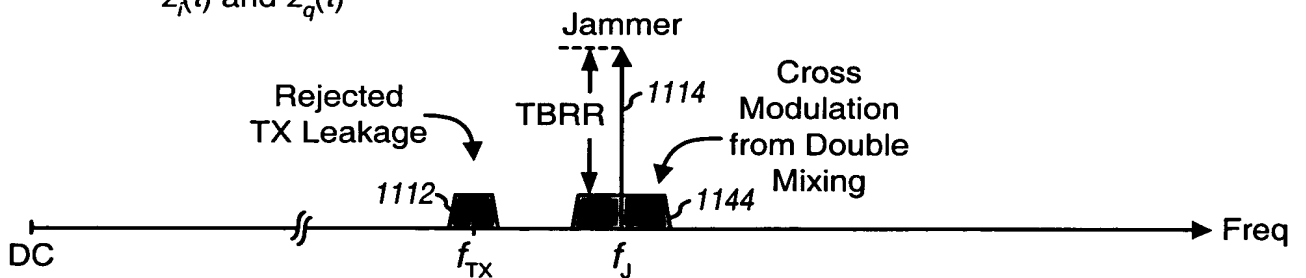


FIG. 11D